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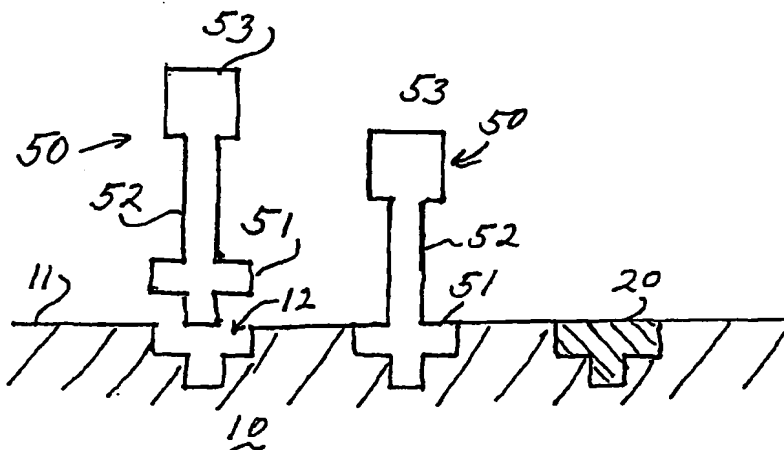
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(54) Title: AUTHENTICATION OF PRODUCTS USING MOLECULARLY IMPRINTED POLYMERS



(57) Abstract: A method for identifying
a product includes providing a solid body
(10) fabricated from at least a molecularly
imprinted polymer having molecular
sized cavities (12) adapted to selectively
receive and bind molecules (50) having a
specific taggant molecular structure (51),
the molecular sized cavities (12) disposed
on a portion of an exterior surface (11) of
the body (10), and applying to the surface
of the body a composition containing
indicator molecules (50) having a taggant
moiety (51) at one end and a marking
function group (53) tethered to the
taggant moiety (51) by a molecular chain
(52), the taggant moieties (51) engaging
and binding to the molecular sized
cavities (12) so as to mark the portion
of the surface (11) of the body (10) with

the indicator molecules (50) bound thereto, the marking functional groups (53) rendering the marked portion of the surface (11)
perceptible with or without detection instrumentation.